

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N011519W.M
 Title : SW846 8260
 Last Update : Wed Jan 16 03:10:53 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN053396.D 5 =VN053397.D 20 =VN053398.D
 50 =VN053399.D 100 =VN053400.D 150 =VN053401.D

	Compound	1	5	20	50	100	150	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.374	0.393	0.417	0.412	0.402	0.414	0.402	4.07
3) P	Chloromethane	0.586	0.565	0.580	0.567	0.560	0.591	0.575	2.22
4) C	Vinyl Chloride	0.544	0.555	0.566	0.552	0.548	0.559	0.554	1.42#
5) T	Bromomethane	0.400	0.387	0.373	0.365	0.369	0.387	0.380	3.48
6) T	Chloroethane	0.332	0.345	0.339	0.332	0.326	0.335	0.335	1.93
7) T	Trichlorofluorome	0.709	0.715	0.749	0.723	0.718	0.734	0.725	1.97
8) T	Diethyl Ether	0.231	0.266	0.285	0.280	0.280	0.291	0.272	8.07
9) T	1,1,2-Trichlorotr	0.451	0.457	0.472	0.459	0.452	0.464	0.459	1.72
10) T	Methyl Iodide		0.633	0.694	0.708	0.717	0.755	0.701	6.30
11) T	Tert butyl alcoho		0.022	0.022	0.023	0.026	0.028	0.024	10.30
12) CM	1,1-Dichloroethen	0.432	0.437	0.450	0.445	0.448	0.459	0.445	2.12#
13) T	Acrolein		0.031	0.041	0.044	0.048	0.051	0.043	17.65
14) T	Allyl chloride	0.652	0.698	0.744	0.743	0.714	0.788	0.723	6.45
15) T	Acrylonitrile	0.130	0.153	0.165	0.163	0.167	0.177	0.159	10.25
16) T	Acetone	0.126	0.115	0.117	0.111	0.112	0.115	0.116	4.57
17) T	Carbon Disulfide	1.316	1.286	1.347	1.338	1.365	1.426	1.346	3.53
18) T	Methyl Acetate	0.390	0.371	0.388	0.388	0.390	0.417	0.391	3.72
19) T	Methyl tert-butyl	1.025	1.125	1.218	1.209	1.237	1.283	1.183	7.84
20) T	Methylene Chlorid	0.535	0.549	0.528	0.520	0.512	0.533	0.529	2.46
21) T	trans-1,2-Dichlor	0.451	0.458	0.489	0.483	0.478	0.496	0.476	3.73
22) T	Diisopropyl ether	1.349	1.467	1.586	1.552	1.537	1.566	1.509	5.85
23) T	Vinyl Acetate	0.741	0.864	0.963	0.975	0.993	1.031	0.928	11.52
24) P	1,1-Dichloroethan	0.851	0.874	0.920	0.902	0.887	0.920	0.892	3.07
25) T	2-Butanone	0.154	0.176	0.183	0.181	0.185	0.192	0.179	7.31
26) T	2,2-Dichloropropa	0.623	0.664	0.690	0.674	0.682	0.708	0.674	4.29
27) T	cis-1,2-Dichloroe	0.498	0.535	0.560	0.552	0.551	0.570	0.544	4.71
28) T	Bromochloromethan	0.413	0.386	0.380	0.396	0.388	0.395	0.393	2.97
29) T	Tetrahydrofuran	0.103	0.108	0.119	0.118	0.122	0.128	0.116	7.96
30) C	Chloroform	0.811	0.885	0.892	0.872	0.866	0.891	0.869	3.51#
31) T	Cyclohexane	1.491	0.936	0.884	0.857	0.856	0.872	0.982	25.53
32) T	1,1,1-Trichloroet	0.696	0.715	0.758	0.738	0.748	0.770	0.738	3.73
33) S	1,2-Dichloroethan		0.504	0.489	0.493	0.489	0.496	0.494	1.24

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.280	0.276	0.288	0.288	0.294	0.285	2.50
36) T	1,1-Dichloroprope	0.417	0.444	0.473	0.459	0.465	0.473	0.455	4.72
37) T	Ethyl Acetate	0.236	0.237	0.267	0.272	0.275	0.285	0.262	7.82
38) T	Carbon Tetrachlor	0.418	0.410	0.440	0.431	0.437	0.449	0.431	3.40
39) T	Methylcyclohexane	0.529	0.518	0.577	0.573	0.584	0.596	0.563	5.60
40) TM	Benzene	1.299	1.380	1.429	1.397	1.383	1.415	1.384	3.29
41) T	Methacrylonitrile	0.099	0.132	0.146	0.162	0.153	0.158	0.142	16.60
42) TM	1,2-Dichloroethan	0.377	0.406	0.414	0.404	0.401	0.415	0.403	3.43
43) T	Isopropyl Acetate	0.348	0.472	0.492	0.491	0.501	0.522	0.471	13.29
44) TM	Trichloroethene	0.366	0.382	0.396	0.384	0.384	0.391	0.384	2.63
45) C	1,2-Dichloropropa	0.355	0.361	0.371	0.368	0.368	0.376	0.367	2.02#
46) T	Dibromomethane	0.207	0.208	0.213	0.210	0.209	0.216	0.211	1.67
47) T	Bromodichlorometh	0.421	0.432	0.447	0.445	0.447	0.465	0.443	3.41
48) T	Methyl methacryla	0.211	0.220	0.247	0.251	0.259	0.271	0.243	9.54
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.003	0.002	4.58
50) S	Toluene-d8		1.174	1.189	1.226	1.217	1.228	1.207	1.99
51) T	4-Methyl-2-Pentan	0.209	0.242	0.267	0.268	0.273	0.285	0.257	10.75
52) CM	Toluene	0.780	0.853	0.886	0.872	0.870	0.893	0.859	4.81#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.373	0.406	0.455	0.468	0.483	0.509	0.449	11.21
54) T	cis-1,3-Dichlorop	0.463	0.491	0.546	0.541	0.547	0.570	0.526	7.65
55) T	1,1,2-Trichloroet	0.260	0.292	0.308	0.303	0.301	0.314	0.296	6.52
56) T	Ethyl methacrylat	0.284	0.336	0.384	0.404	0.417	0.440	0.377	15.28
57) T	1,3-Dichloropropa	0.451	0.508	0.526	0.524	0.523	0.541	0.512	6.24
58) T	2-Chloroethyl Vin	0.174	0.191	0.209	0.217	0.221	0.231	0.207	10.13
59) T	2-Hexanone	0.158	0.169	0.185	0.186	0.187	0.197	0.181	7.79
60) T	Dibromochlorometh	0.303	0.306	0.339	0.345	0.351	0.371	0.336	7.92
61) T	1,2-Dibromoethane	0.254	0.284	0.307	0.308	0.314	0.329	0.300	8.84
62) S	4-Bromofluorobenz		0.407	0.405	0.423	0.428	0.452	0.423	4.46
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.499	0.476	0.489	0.465	0.457	0.441	0.471	4.50
65) PM	Chlorobenzene	0.992	1.040	1.100	1.065	1.068	1.086	1.058	3.63
66) T	1,1,1,2-Tetrachlo	0.350	0.359	0.368	0.370	0.378	0.384	0.368	3.35
67) C	Ethyl Benzene	1.648	1.755	1.852	1.837	1.853	1.877	1.804	4.84#
68) T	m/p-Xylenes	0.589	0.661	0.711	0.704	0.705	0.716	0.681	7.24
69) T	o-Xylene	0.575	0.645	0.685	0.679	0.683	0.702	0.662	7.00
70) T	Stvrene	0.855	1.030	1.128	1.127	1.138	1.166	1.074	10.88
71) P	Bromoform	0.202	0.241	0.255	0.261	0.274	0.287	0.253	11.64
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.282	3.640	3.885	3.732	3.715	3.715	3.662	5.54
74) T	N-amyl acetate	0.843	0.888	1.000	1.020	1.051	1.054	0.976	9.11
75) P	1,1,2,2-Tetrachlo	0.716	0.752	0.802	0.764	0.783	0.790	0.768	4.04
76) T	1,2,3-Trichloropr	0.603	0.645	0.694	0.613	0.682	0.716	0.659	6.94
77) T	Bromobenzene	0.884	0.974	1.017	0.968	0.968	0.977	0.965	4.52
78) T	n-propylbenzene	3.719	4.066	4.468	4.298	4.312	4.354	4.203	6.45
79) T	2-Chlorotoluene	2.349	2.477	2.623	2.495	2.491	2.513	2.491	3.52
80) T	1,3,5-Trimethylbe	2.549	2.962	3.166	3.058	3.056	3.084	2.979	7.41
81) T	trans-1,4-Dichlor	0.170	0.199	0.231	0.243	0.262	0.274	0.230	17.11
82) T	4-Chlorotoluene	2.247	2.535	2.695	2.565	2.584	2.617	2.541	6.05
83) T	tert-Butylbenzene	2.259	2.562	2.814	2.699	2.715	2.739	2.631	7.60
84) T	1,2,4-Trimethylbe	2.512	2.968	3.195	3.101	3.094	3.155	3.004	8.42
85) T	sec-Butylbenzene	3.093	3.611	3.799	3.686	3.700	3.762	3.609	7.23
86) T	p-Isopropyltoluen	2.641	3.001	3.319	3.237	3.275	3.327	3.133	8.59
87) T	1,3-Dichlorobenze	1.553	1.689	1.765	1.712	1.729	1.736	1.697	4.42
88) T	1,4-Dichlorobenze	1.713	1.670	1.746	1.678	1.700	1.708	1.702	1.59
89) T	n-Butylbenzene	2.316	2.486	2.745	2.758	2.828	2.893	2.671	8.32
90) T	Hexachloroethane	0.426	0.449	0.488	0.499	0.530	0.556	0.491	9.91
91) T	1,2-Dichlorobenze	1.459	1.552	1.639	1.601	1.563	1.554	1.561	3.87
92) T	1,2-Dibromo-3-Chl	0.085	0.095	0.097	0.099	0.101	0.107	0.097	7.41
93) T	1,2,4-Trichlorobe	0.463	0.473	0.609	0.657	0.677	0.734	0.602	18.47
94) T	Hexachlorobutadie	0.470	0.493	0.521	0.516	0.463	0.459	0.487	5.51
95) T	Naphthalene	0.628	0.742	0.960	1.111	1.206	1.314	0.993	27.00
96) T	1,2,3-Trichlorobe	0.309	0.341	0.407	0.459	0.499	0.550	0.427	21.67

(#) = Out of Range